



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

## \*BIBDATASHEET\*

Bib Data Sheet

CONFIRMATION NO. 5

SERIAL NUMBER 10/633,669	FILING DATE 08/05/2003  RULE	CLASS 428	GROUP ART UNIT 1773	ATTORNEY DOCKE NO. 116794
-----------------------------	---------------------------------------	--------------	------------------------	---------------------------------

## APPLICANTS

Koji Shimazawa, Chuo-ku, JAPAN;

Yoshihiro Tsuchiya, Chuo-ku, JAPAN;

Koichi Terunuma, Chuo-ku, JAPAN;

\*\* CONTINUING DATA \*\*\*\*\*

None ✓

\*\* FOREIGN APPLICATIONS \*\*\*\*\*

JAPAN 2002-263199 09/09/2002

✓ *[Signature]* 1/4/03

IF REQUIRED, FOREIGN FILING LICENSE GRANTED

\*\* 10/31/2003

Foreign Priority claimed <input checked="" type="checkbox"/> yes <input type="checkbox"/> no	STATE OR	SHEETS	TOTAL	INDEPENDENT
35 USC 119 (a-d) conditions met <input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance	COUNTRY	DRAWING	CLAIMS	CLAIMS
Verified and Acknowledged <i>[Signature]</i> 1/4/03 Examiner's Signature Initials	JAPAN	10	8	1

## ADDRESS

25944  
 OLIFF & BERRIDGE, PLC  
 P.O. BOX 19928  
 ALEXANDRIA, VA  
 22320

## TITLE

Exchange-coupled film, spin valve film, thin film magnetic head, magnetic head apparatus, and magnetic recording/reproducing apparatus

FILING FEE  RECEIVED 750	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit
-----------------------------------	---	---